

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Original): An adapter for connecting a printer to a cellular radio system, wherein the adapter enables the printer to conduct facsimile operations, comprising:

- a facsimile module, wherein the facsimile module includes executable instructions for decoding fax data and processing the fax data to generate print data for printing;
- a cell radio;
- one or more communication ports, wherein at least one of the communication ports is in communication with the printer; and
- a data encoder in communication with the facsimile module and the cell radio, wherein the data encoder is configured to convert data transmitted between the facsimile module and the cell radio.

Claim 2 (Original): The adapter of claim 1, further comprising a peripheral controller, wherein the peripheral controller includes executable instructions to control the printer.

Claim 3 (Original): The adapter of claim 1, wherein at least one of the communication ports is a universal serial bus.

Claim 4 (Original): The adapter of claim 1, further comprising a network controller, wherein the network controller comprises executable instructions to establish a network connection through at least one of the communication ports.

Claim 5 (Original): The adapter of claim 4, further comprising a fax over IP module, wherein the fax over IP module comprises executable instructions for processing fax data through the network connection.

Claim 6 (Original): The adapter of claim 4, wherein the network connection comprises a wireless network connection.

Claim 7 (Original): The adapter of claim 1, wherein at least one of the communication ports comprise an RJ-11 connection.

Claim 8 (Original): The adapter of claim 1, further comprising a user interface, wherein the user interface is configured to receive instructions from a user.

Claim 9 (Original): The adapter of claim 8, wherein the user interface comprises a video display.

Claim 10 (Original): The adapter of claim 8, wherein the user interface comprises a plurality of input keys.

Claim 11 (Original): The adapter of claim 1, wherein the facsimile module further contains executable instructions for determining a priority order on selection of a communication port to utilize for facsimile operations.

Claim 12 (Original): An adapter for connecting a printer and scanner to a cellular radio system, wherein the adapter enables the printer and scanner to conduct facsimile operations, comprising:

- a facsimile module, wherein the facsimile module includes executable instructions for encoding data received from the scanner and decoding fax data and processing the fax data to generate print data for printing;

- a cell radio;

- a peripheral controller, wherein the peripheral controller includes executable instructions to control the printer and the scanner;

- one or more communication ports, wherein at least one of the communication ports is in communication with the printer and at least one of the communication ports is in communication with the scanner; and

- a data encoder in communication with the facsimile module and the cell radio, wherein the data encoder is configured to convert data transmitted between the facsimile module and the cell radio.

Claim 13 (Currently amended): An adapter for connecting a an all-in-one device to a cellular radio system, wherein the adapter enables the all-in-one device to conduct facsimile operations, comprising:

- a facsimile module, wherein the facsimile module includes executable instructions for encoding data received from the all-in-one device and decoding fax data and processing the fax data to generate print data for printing;

- a cell radio;

- a peripheral controller, wherein the peripheral controller includes executable instructions to control the all-in-one device;

one or more communication ports, wherein at least one of the communication ports is in communication with the all-in-one device; and

a data encoder in communication with the facsimile module and the cell radio, wherein the data encoder is configured to convert data transmitted between the facsimile module and the cell radio.

Claim 14 (Original): A system for performing facsimile operations on a printer over a cellular network, wherein the printer lacks facsimile receiving functionality, the system comprising:

an adapter for connecting the printer to a cellular radio system;

a printer; and

a communication link between the printer and the adapter;

wherein the adapter comprises:

a facsimile module having executable instructions for decoding fax data and processing the fax data to generate print data for printing;

a cell radio;

one or more communication ports, wherein at least one of the communication ports is in communication with the printer; and

a data encoder in communication with the facsimile module and the cell radio, wherein the data encoder is configured to convert data transmitted between the facsimile module and the cell radio.

Claim 15 (Original): The system of claim 14, wherein the communication link comprises a wireless communication link.

Claim 16 (Original): A method for receiving, through a cellular network system, a facsimile on a printer, wherein the printer lacks facsimile receiving functionality, the method comprising:

receiving facsimile data in a first format from a cellular network system;

decoding the received facsimile data into a second format;

generating print data corresponding to the received facsimile data in the second format; and

transmitting the print data to a printer to record an image corresponding to the print data.

Claim 17 (New): The adapter of claim 7, further comprising an internal private branch exchange, wherein the internal private branch exchange is configured to provide a phone connection to a facsimile enabled all-in-one device that may be connected to the RJ-11 connection.

Claim 18 (New): The adapter of claim 13, wherein at least one of the communication ports comprises an USB port.

Claim 19 (New): The adapter of claim 13, wherein at least one of the communication ports is in communication with a local area network.

Claim 20 (New) : The system of claim 14, wherein the adapter further comprises one or more encryption devices configured to provide encryption of facsimile data transmitted over a cellular network.